



2001 LaBelle Street • Detroit, MI 48238 • Ph. (313) 852-1500 • Fax (313) 852-1499 • www.NPFEnow.org

June 4, 2016

ATTN: Matt Vallevand
Detroit Health Department
3245 E. Jefferson Ave, Ste 100
Detroit, MI 48207

Dear Mr. Vallevand,

Enclosed you will find a copy of New Paradigm Glazer Academy water testing report.

Please don't hesitate to contact us if we could be of any further assistance.

Sincerely,

Machion Jackson
Chief Operating Officer



**ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING**

46555 Humboldt Drive
Novi, Michigan 48170
Telephone 248-669-4140
www.atcgroupservices.com

Mr. Jerry Parker
New Paradigm for Education
2001 La Belle Street
Detroit, Michigan 48202

**SUBJECT: Drinking Water Screening Report
 Glazer Academy
 2001 Le Belle Street
 Detroit, Michigan 48238**

Dear Mr. Parker:

ATC Group Services, LLC (ATC) is pleased to submit this Drinking Water Screening Report for the subject school. The drinking water samples collected from the school were submitted to Brighton Analytical L.L.C., for Michigan Department of Environmental Quality (MDEQ) Drinking Water Certified lead and copper analysis.

SCOPE OF WORK

At the request of New Paradigm for Education, ATC collected drinking water samples as a general screening for copper and lead at the subject school. In coordination with New Paradigm it was determined that the screening would consist of collection of water samples from three (3) high priority water outlets (drinking fountains, kitchen/food preparation area faucets, etc.), regularly used by students and staff for drinking, as designated by New Paradigm personnel. Two (2) samples were collected at each outlet: a first draw (Primary) sample; and a Flush sample. The Primary samples were collected from outlets that had been inactive for a minimum of eight hours. The Flush samples were collected after the water was allowed to run for a minimum of thirty (30) seconds at each of the sample locations.

The drinking water samples were collected in 250 milliliter, wide-mouth sample containers, containing nitric acid (preservative). Each sample container was labeled utilizing a coding system that identified: the type of drinking outlet sampled, Drinking Water Fountain (DWF), Drinking Water Cooler (DWC), Kitchen Sink (KS) etc.; and a (P) for primary samples and a (F) for flush samples.

The samples were transported under chain of custody to Brighton Analytical L.L.C., located at 2105 Pless Drive in Brighton, Michigan for MDEQ drinking water certified lead and copper analysis, using analytical method EPA 200.8 rev 5.4.

As per the EPA's *3T's for Reducing Lead in Drinking Water in Schools, Revised Technical Guidance (October 2006)* analysis of the flush sample(s) was only performed if analysis of the first draw (Primary) sample(s) indicated lead and/or copper concentrations greater than the EPA established Maximum Contaminate Level (MCL).

FINDINGS

Analytical results indicate that none of the samples analyzed were above the EPA recommended limits of 15 micrograms per liter (ug/L) for lead. Analytical results indicate that none of the samples analyzed were above the EPA recommended limits of 1300 ug/L for copper. The table below summarizes the analytical results for the samples submitted. The laboratory analytical reports and chain of custody are provided in Attachment A.

Sample Number	Total Lead (Drinking Water)	MCL	Total Copper (Drinking Water)	MCL
1-KS-P-Glaz-Kitchen	4 ug/L	15 ug/L	60 ug/L	1300 ug/L
1-KS-F-Glaz-Kitchen	NA	15 ug/L	NA	1300 ug/L
2-DF-P-Glaz-Hall By Auditorium	1 ug/L	15 ug/L	130 ug/L	1300 ug/L
2-DF-F-Glaz-Hall By Auditorium	NA	15 ug/L	NA	1300 ug/L
3-DF-P-Glaz-Pre-K Rooms 123 & 125	ND ug/L	15 ug/L	200 ug/L	1300 ug/L
3-DF-P-Glaz-Pre-K Rooms 123 & 125	NA	15 ug/L	NA	1300 ug/L

Key: NA - Not Analyzed ND- Not Detected
ug/L- micrograms per liter /parts per billion (ppb)



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LIMITATIONS

The sampling and analysis completed was: a preliminary screening for lead and copper only, to assess lead and copper concentrations (ug/L) at drinking water outlets in the school designated as high use by New Paradigm, and may not be representative of all drinking water outlets within the school. If lead or copper concentrations are identified above their respective MCL's at any of the drinking water outlets tested, further review of the plumbing system, fixtures affected, and testing should be completed to assess the source of the elevated levels of lead and/or copper, as well as, any other response actions deemed necessary by New Paradigm.

The drinking water screening proposed and conducted by ATC was devised in cooperation with New Paradigm and utilizing the EPA's 3Ts for Reducing Lead in Drinking Water in Schools and may not meet all of the recommendations provided by the MDEQ *"Guidance on Drinking Water Sampling for Lead and Copper at Schools and Daycares on Community Water Supplies"* Version 2.0 - April 13, 2016. Future drinking water evaluation and sampling in accordance with the recommendations may be predicated on applicable guidelines by the MDEQ or EPA and will be determined prior to developing a sampling plan for the school.

Sincerely,

ATC Group Services, LLC

A handwritten signature in black ink, appearing to read 'Michael Hauswirth'.

Michael Hauswirth
Project Manager

A handwritten signature in black ink, appearing to read 'Robert C. Smith'.

Robert C. Smith
Building Science Department Manager



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Novi, Michigan 48170
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ATTACHMENT A
LABORATORY ANALYTICAL



Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail: bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/29/2016 06:45
Submit Date/Time: 4/29/2016 12:30
Report Date: 5/9/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # 38807
BA Sample ID CD01611

Project Name: New Paradigm - Glazer
Project Number: 188BS16231
Sample ID: 1-KS-P-Glaze-Kitchen

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	60	ug/L	20	1300	EPA 200.8 rev5.4	14:38	05/05/2016
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	14:38	05/05/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by W. Pool
Date 5/9/16



Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail: bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/29/2016 06:50
Submit Date/Time: 4/29/2016 12:30
Report Date: 5/9/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # 38807
BA Sample ID CD01613

Project Name: New Paradigm - Glazer
Project Number: 188BS16231
Sample ID: 2-DF-P-Glaz-Hall by Auditorium

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	130	ug/L	20	1300	EPA 200.8 rev5.4	15:51	05/05/2016
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	15:51	05/05/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date

J. J. [Signature]
5/9/16



Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail: bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/29/2016 06:56
Submit Date/Time: 4/29/2016 12:30
Report Date: 5/9/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # 38807

BA Sample ID CD01615

Project Name: New Paradigm - Glazer

Project Number: 188BS16231

Sample ID: 3-DF-P-Glaz-Pre-K-Room 123 & 125

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	200	ug/L	20	1300	EPA 200.8 rev5.4	16:09	05/05/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	16:09	05/05/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date

Y. J. J. J.
5/9/16

